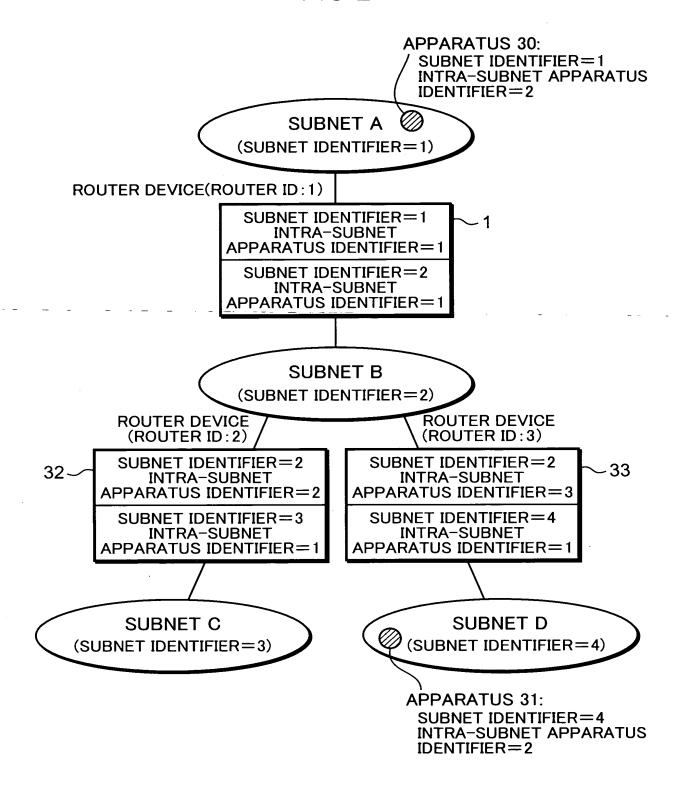
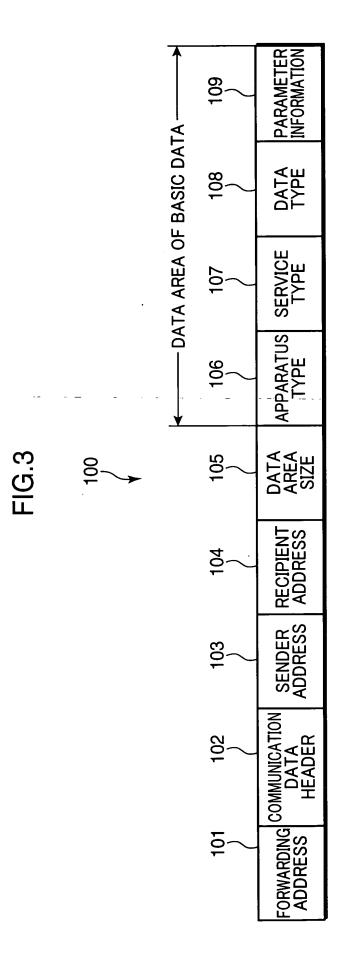


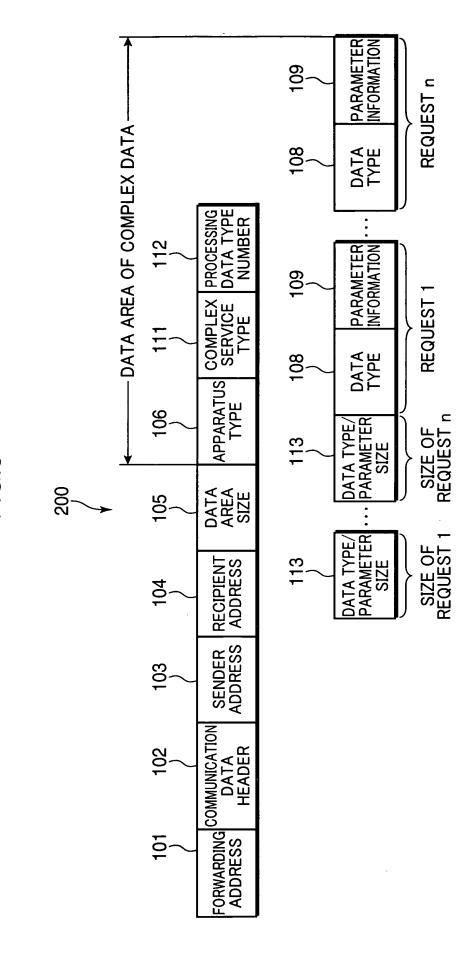
FIG.2

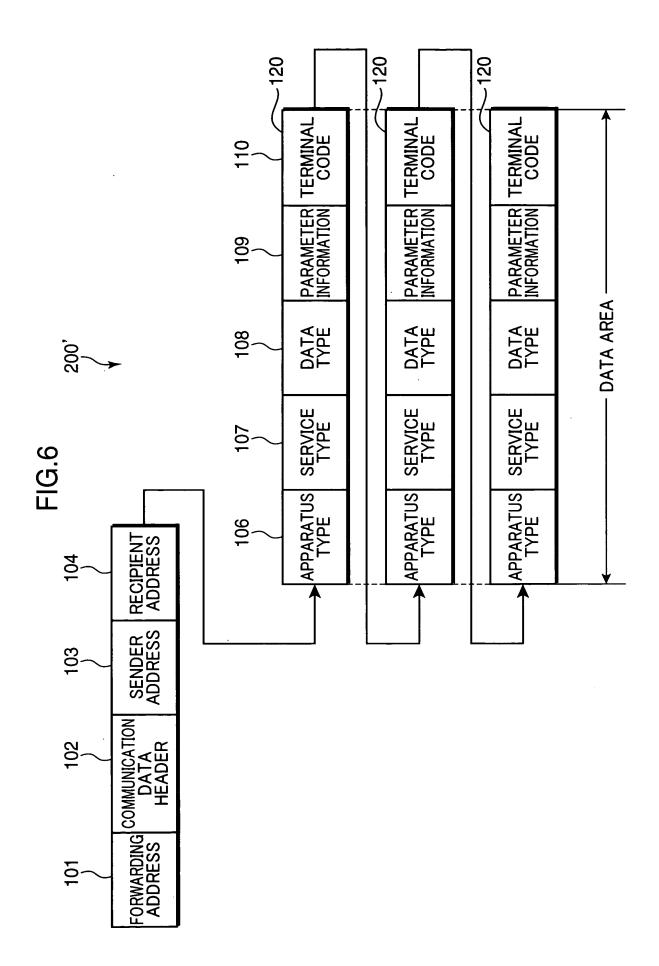




TERMINAL CODE PARAMETER INFORMATION 109 - DATA AREA -DATA TYPE 108 SERVICE TYPE 107 APPARATUS TYPE 100, 106 RECIPIENT ADDRESS 104 SENDER ADDRESS 103 FORWARDING COMMUNICATION DATA HEADER 102 10

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	TABLES FOR ALL ROUTER DEVICES				
	ADDRESS 1 ADDRESS 2 ADDRESS 1	ADDRESS 1 ADDRESS 2 ···· ADDRESS m		ADDRESS 1 ADDRESS 2 ADDRESS n	
				==	
	ADDRESS 2	ADDRESS 2		ADDRESS 2	
	ADDRESS 1	ADDRESS 1		ADDRESS 1	
	CONNECTED SUBNET NO.(1)	CONNECTED SUBNET NO.(m)	:	CONNECTED SUBNET NO.(n)	
ROUTER NO.	ROUTER ID	ROUTER ID		ROUTER ID	

FIG.8

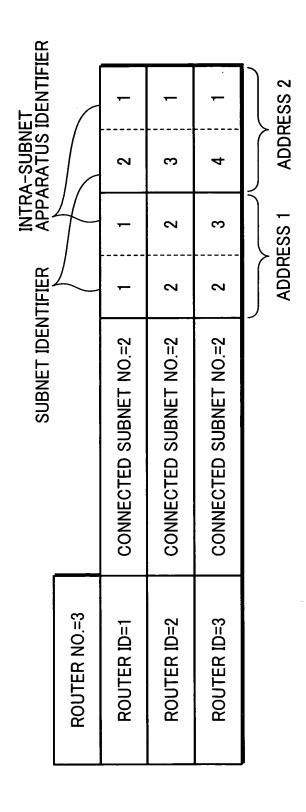


FIG.9

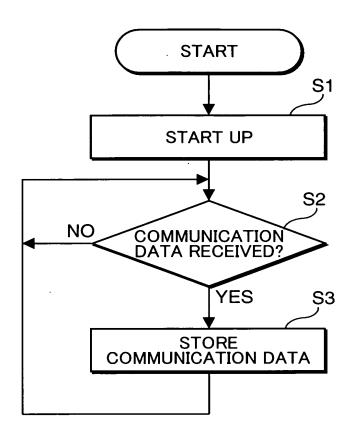


FIG.10

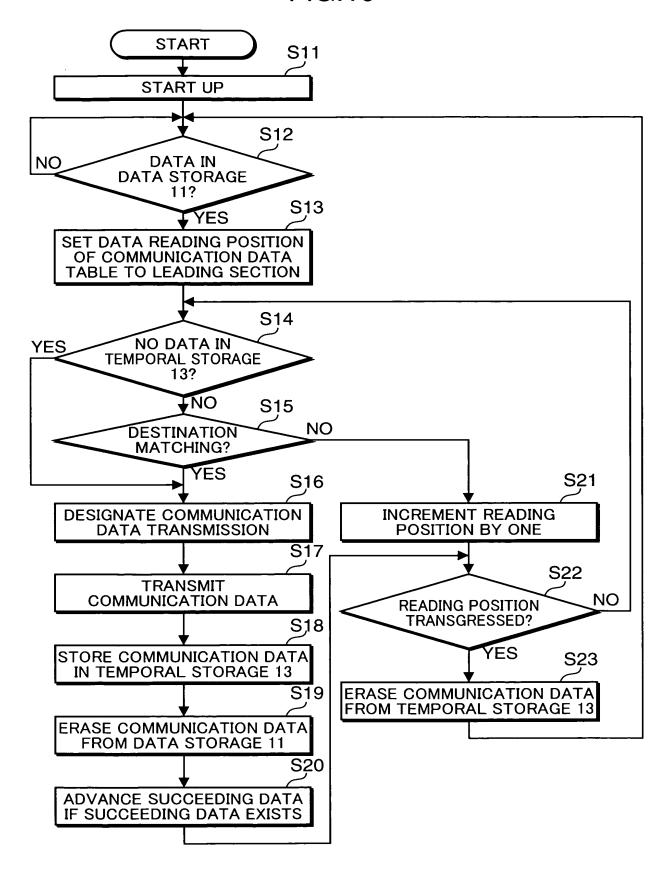


FIG.11A

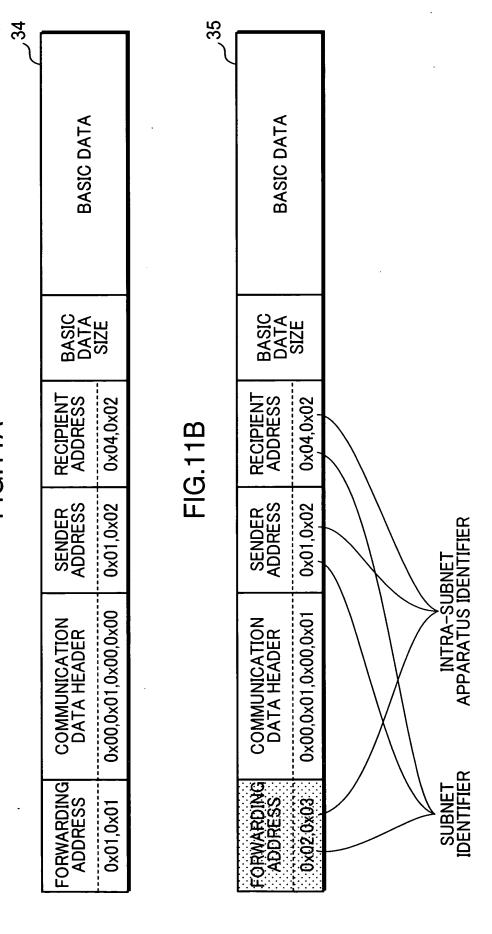


FIG.12

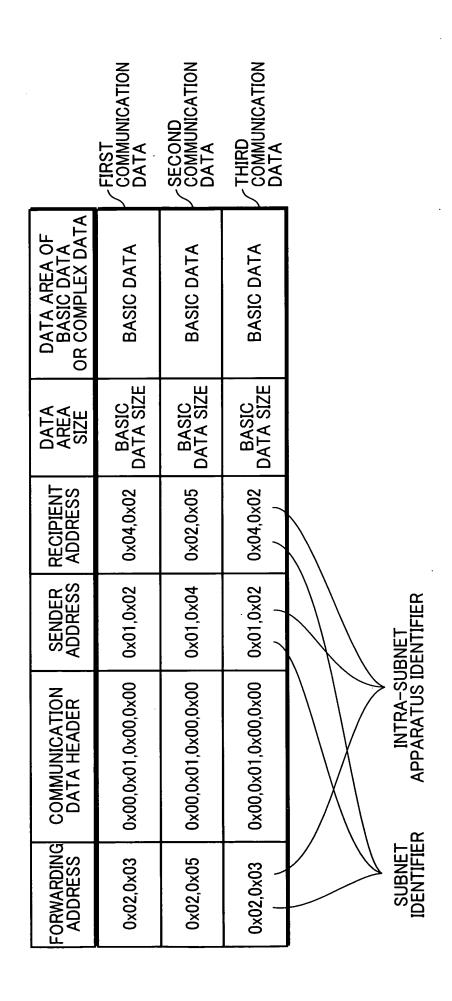


FIG.13

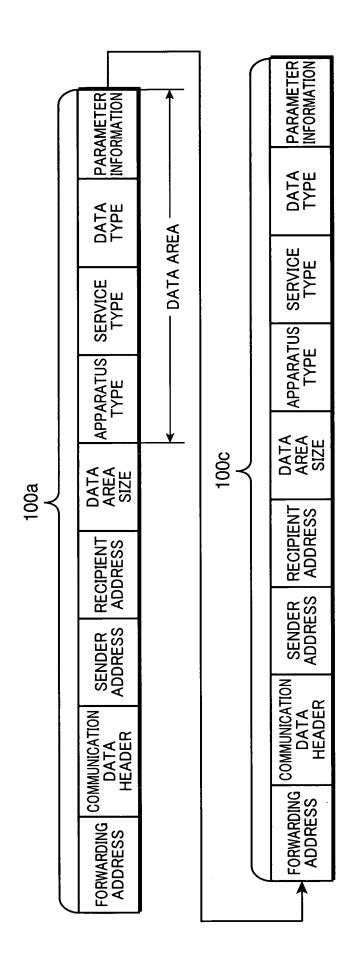
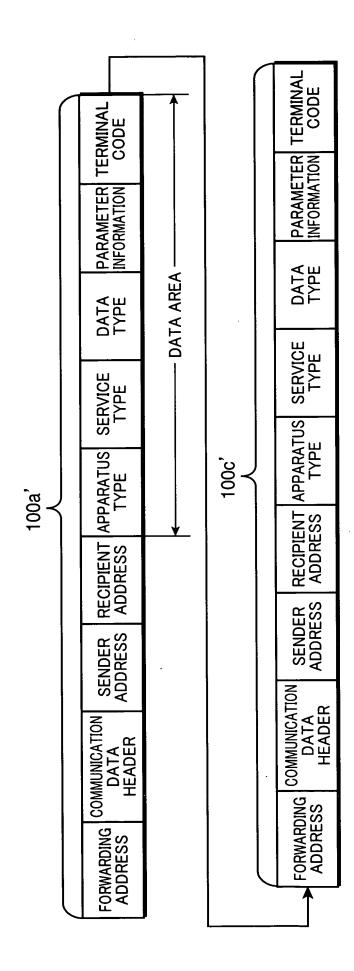
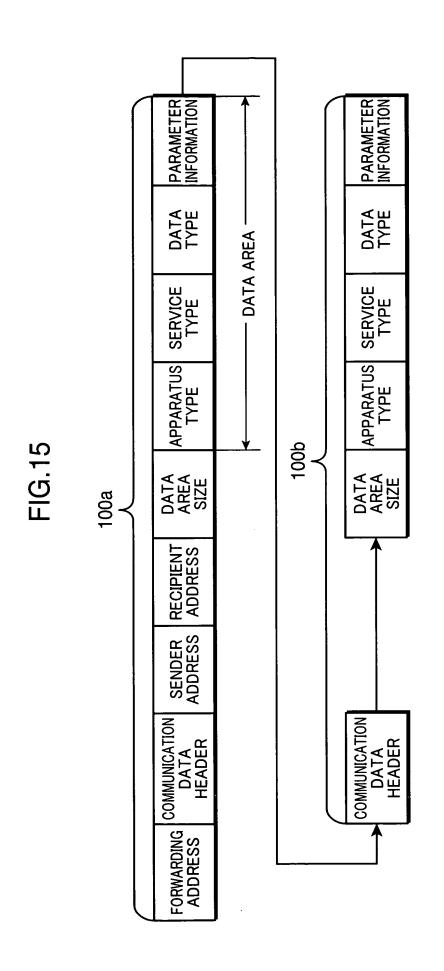


FIG.14





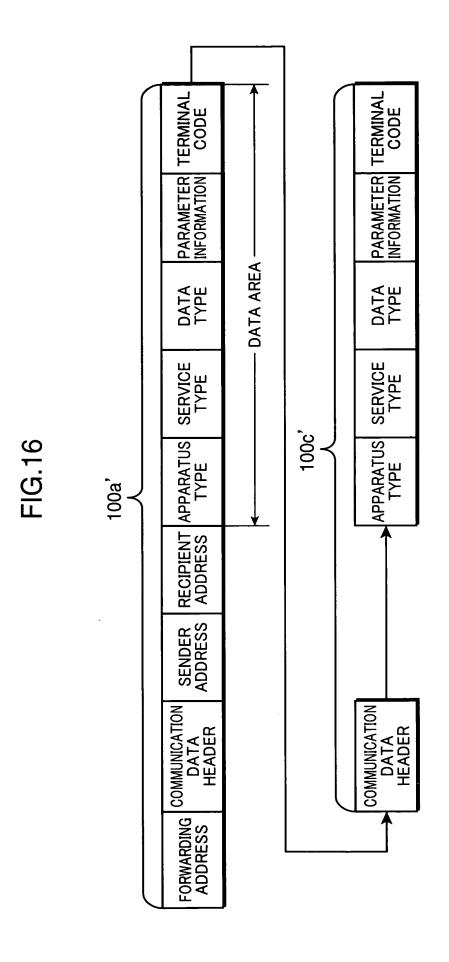
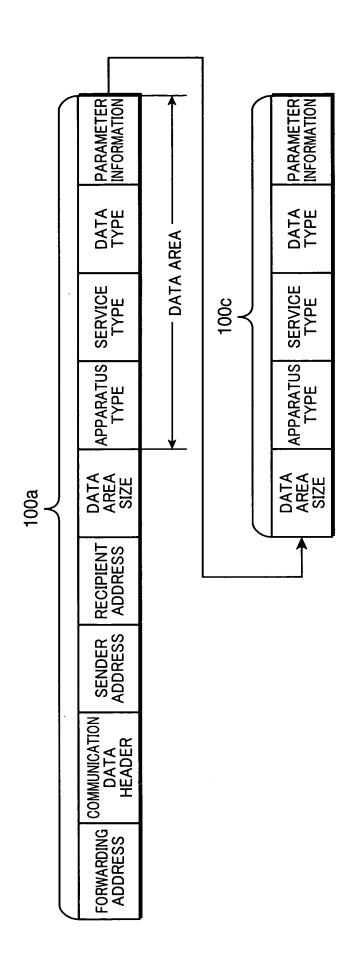


FIG. 17



TERMINAL CODE TERMINAL CODE PARAMETER INFORMATION PARAMETER INFORMATION DATA AREA -DATA TYPE 100c' DATA TYPE SERVICE TYPE SERVICE TYPE APPARATUS TYPE APPARATUS TYPE FIG.18 100a' RECIPIENT ADDRESS SENDER ADDRESS COMMUNICATION DATA HEADER FORWARDING ADDRESS

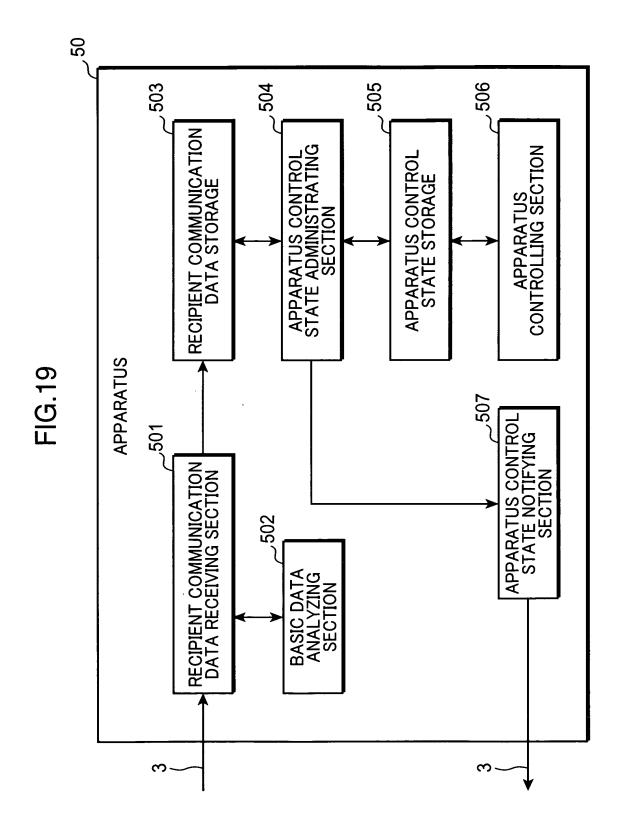


FIG.20

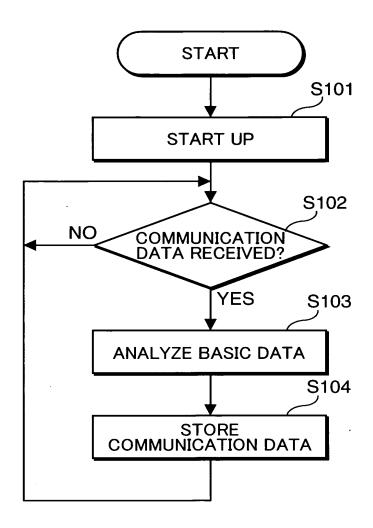
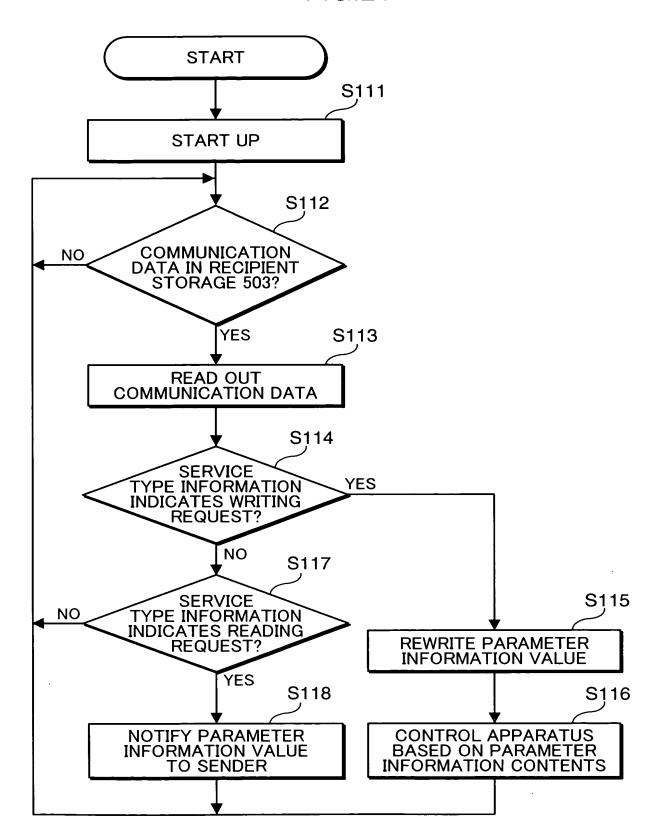


FIG.21



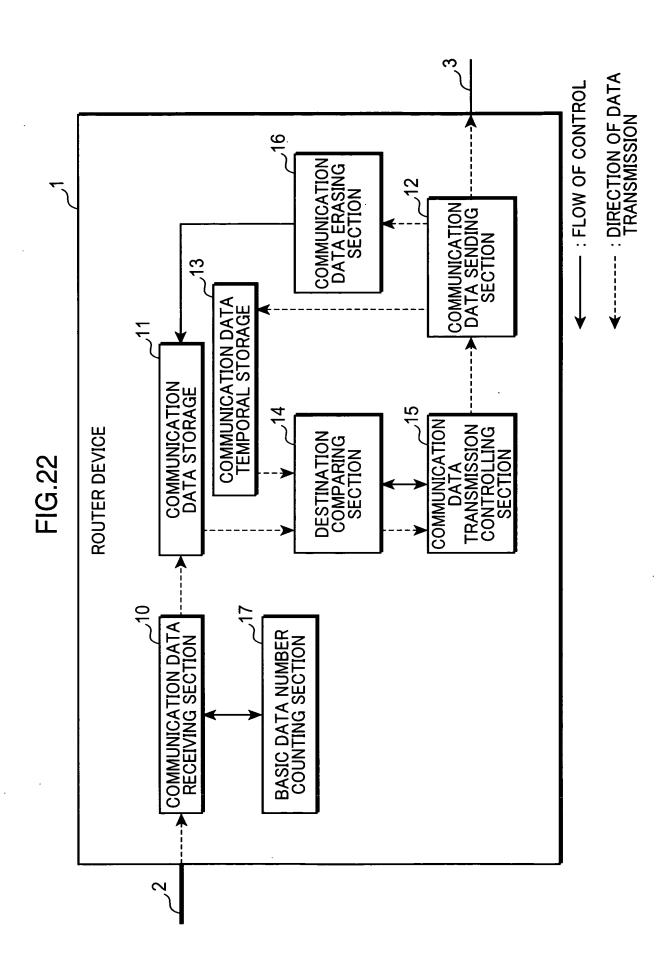


FIG.23

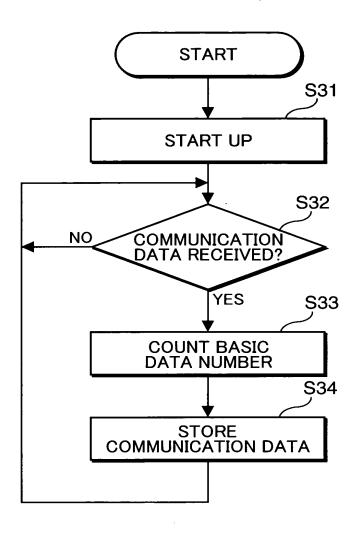


FIG.24

TERMINAL CODE	
PARAMETER INFORMATION	
DATA TYPE	DATA AREA
SERVICE TYPE	
APPARATUS TYPE	
BASIC DATA NUMBER	į
RECIPIENT ADDRESS	
SENDER ADDRESS	
COMMUNICATION DATA HEADER	
FORWARDING ADDRESS	

TERMINAL CODE TERMINAL CODE PARAMETER INFORMATION PARAMETER INFORMATION DATA TYPE DATA TYPE BASIC DATA NUMBER SERVICE TYPE SERVICE TYPE RECIPIENT ADDRESS APPARATUS TYPE APPARATUS TYPE SENDER ADDRESS FORWARDING COMMUNICATION DATA HEADER

TERMINAL CODE

PARAMETER INFORMATION

DATA TYPE

SERVICE TYPE

APPARATUS TYPE

DATA AREA

FIG.25

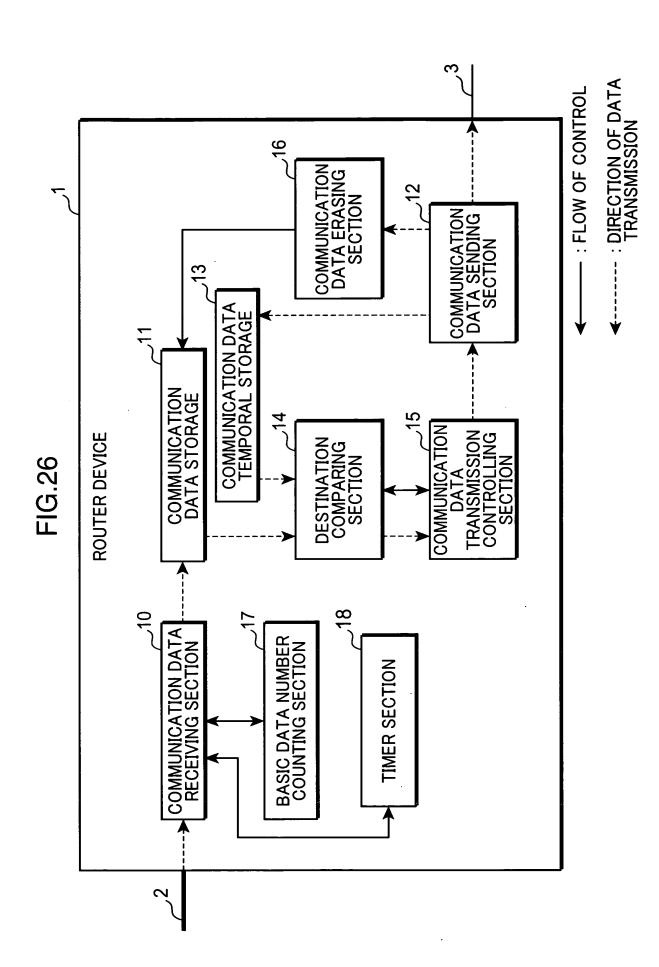


FIG.27

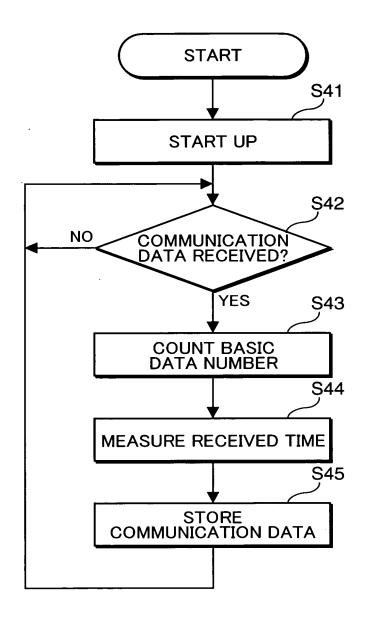
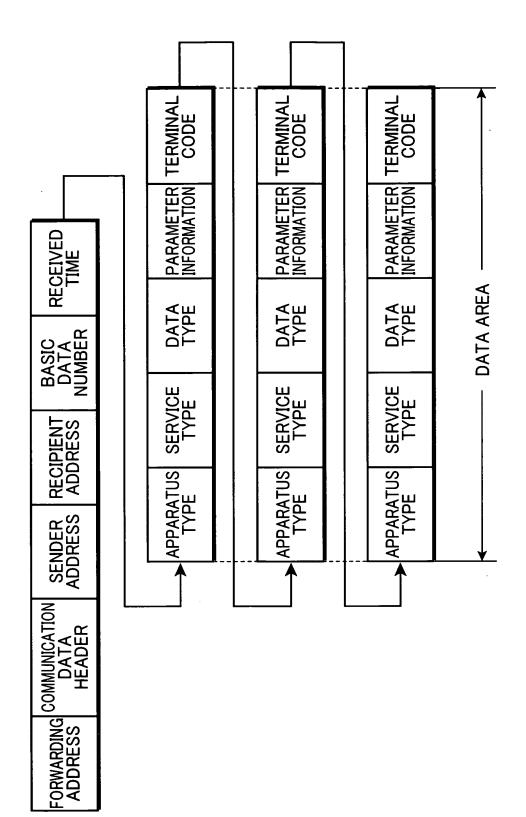


FIG.28

FIG.29



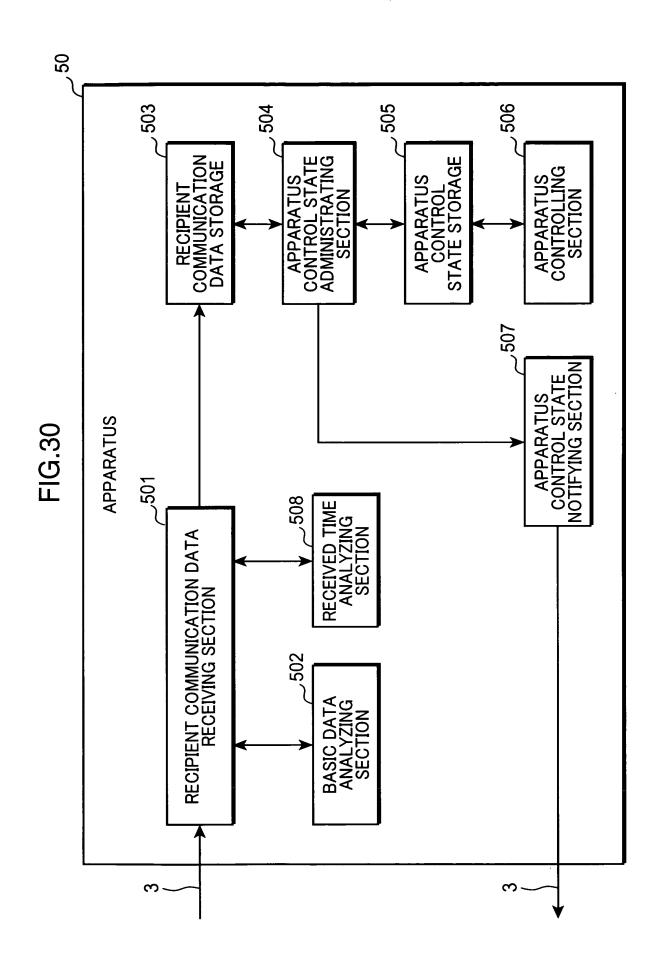
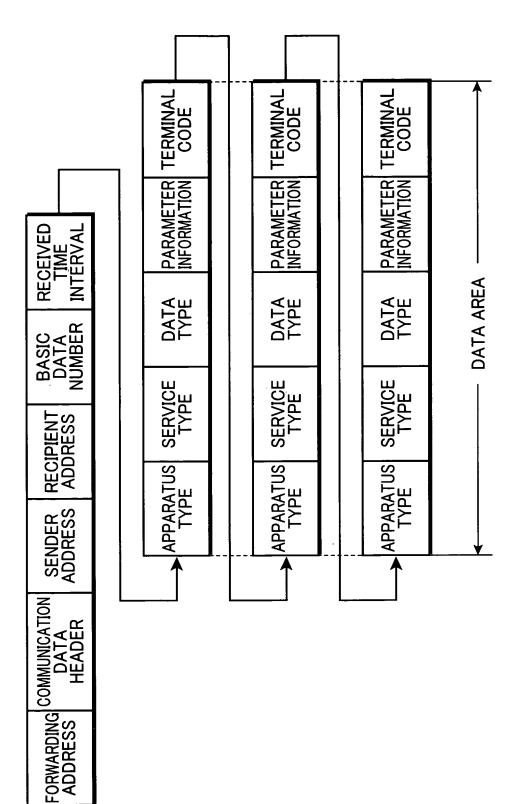


FIG.31

J-J	1
TERMIN/ CODE	
PARAMETER INFORMATION	
DATA TYPE	DATA AREA
SERVICE TYPE	
APPARATUS TYPE	
RECEIVED TIME INTERVAL	
BASIC DATA NUMBER	
RECIPIENT ADDRESS	
SENDER ADDRESS	
COMMUNICATION DATA HEADER	
FORWARDING ADDRESS	

FIG.32



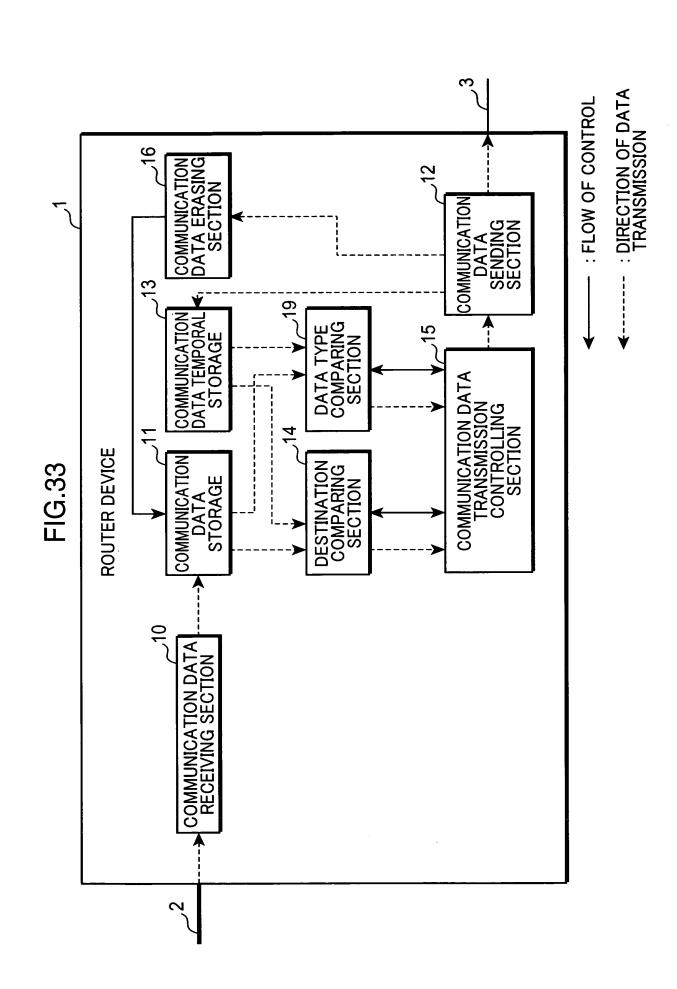


FIG.34

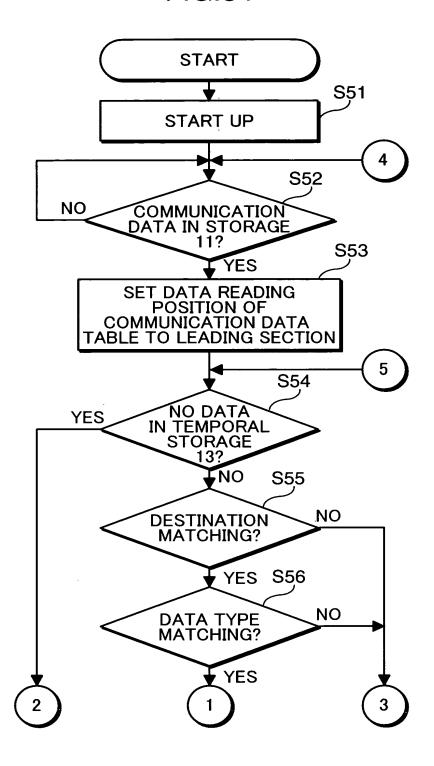
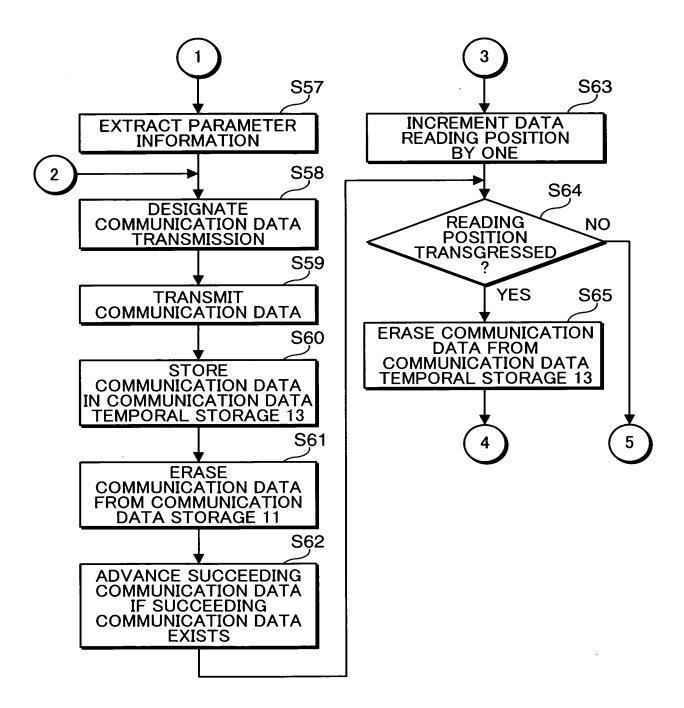
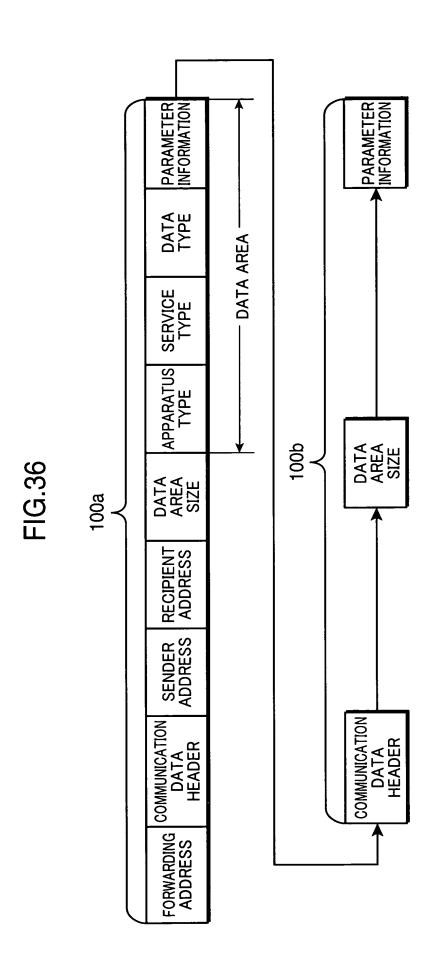


FIG.35





FIRST PARAMETER INFORMATION SECOND PARAMETER INFORMATION 100b DATA TYPE - DATA AREA -SERVICE TYPE APPARATUS TYPE DATA AREA SIZE 100a RECIPIENT ADDRESS SENDER ADDRESS COMMUNICATION DATA HEADER FORWARDING ADDRESS

FIG.37

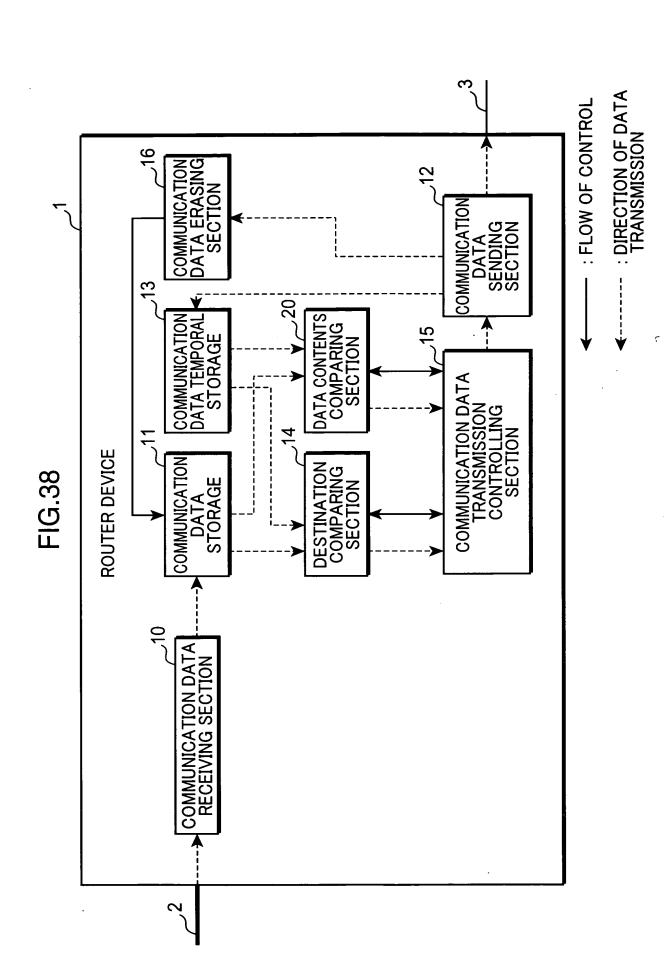
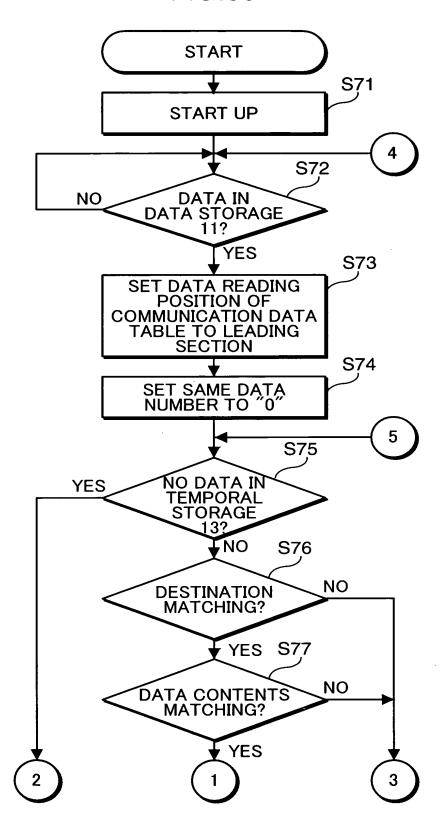
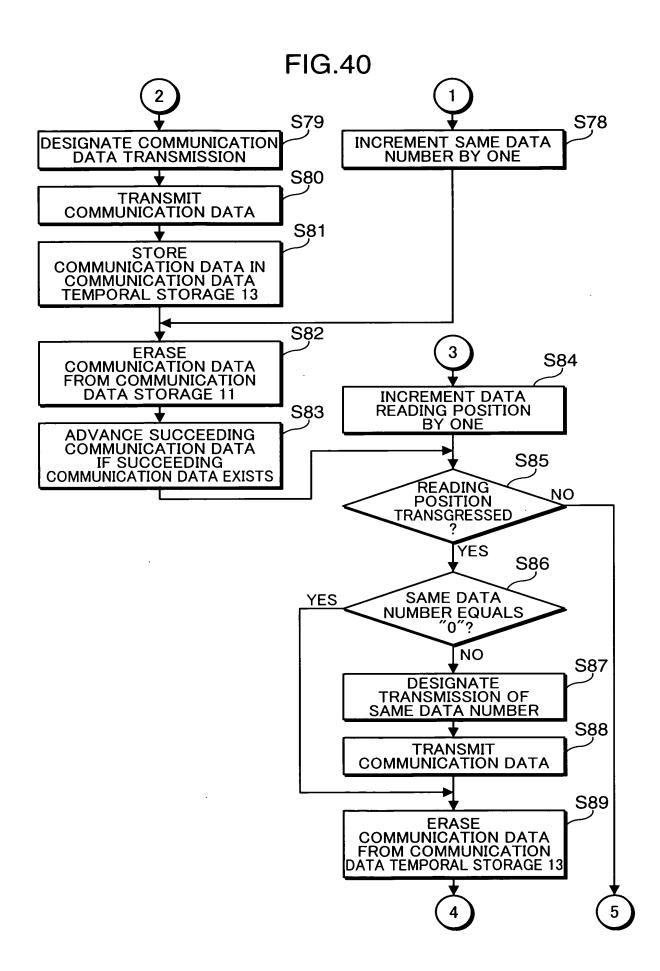


FIG.39





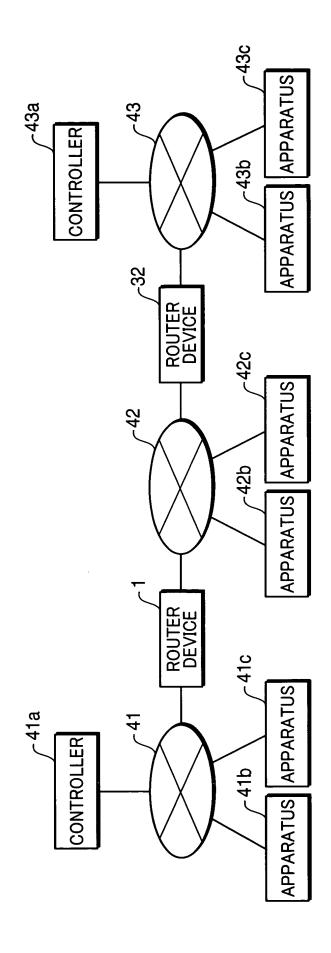
PARAMETER INFORMATION SAME DATA NUMBER DATA TYPE - DATA AREA -SERVICE TYPE APPARATUS TYPE 100c FIG.41 DATA AREA SIZE DATA AREA SIZE 100a RECIPIENT ADDRESS SENDER ADDRESS COMMUNICATION DATA HEADER COMMUNICATION DATA HEADER FORWARDING ADDRESS

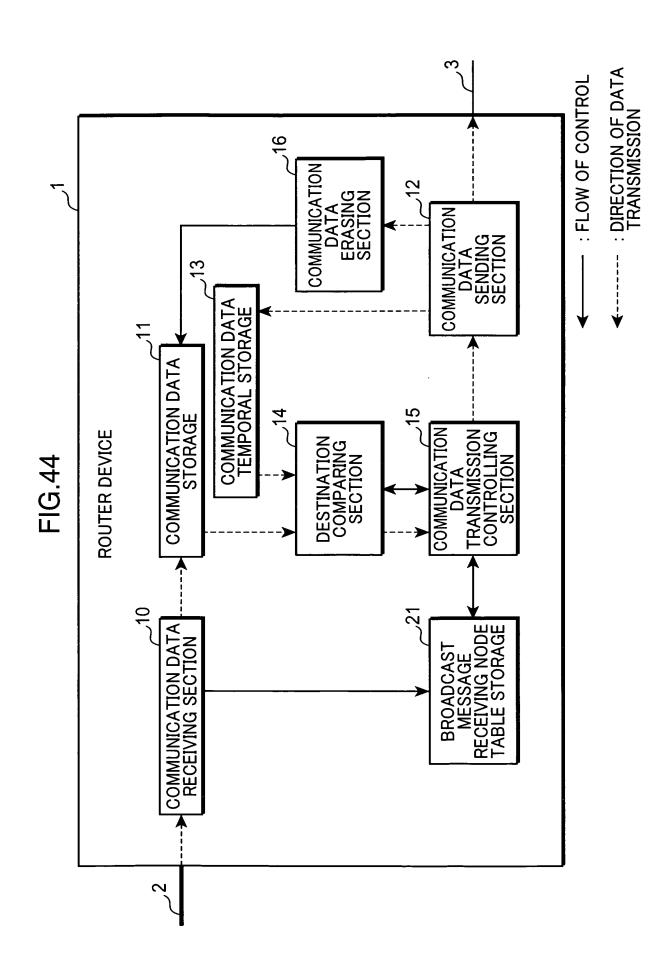
c) 5 ,

PARAMETER INFORMATION RECEIVED TIME INTERVAL SAME DATA NUMBER DATA TYPE DATA AREA SERVICE TYPE APPARATUS TYPE FIG.42 DATA AREA SIZE DATA AREA SIZE DATA AREA SIZE 100a RECIPIENT ADDRESS SENDER ADDRESS COMMUNICATION DATA HEADER FORWARDING COMMUNICATION DATA HEADER COMMUNICATION DATA HEADER

C. P. S.

FIG.43





y > ,

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FIG.45A

FIRST SUBNET	SECOND SUBNET
CONTROLLER 41a	ROUTER DEVICE 32

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FIG.45B

SECOND SUBNET	THIRD SUBNET
ROUTER DEVICE 1	CONTROLLER 43a